

FORM P-4 INFORMATION DISCLOSURE STATEMENT APR 22 2002 PATENT & TRADEMARK OFFICE		Docket Number: 40222.0003USCI	Application Number: 10/023,365
IN AN APPLICATION (Use several sheets if necessary)		Applicant: Teruo Umemoto	
		Filing Date: December 14, 2001	Group Art Unit: 1741 753

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	5,902,907	05/11/99	Takahashi et al.	568	321	
<i>[Signature]</i>	5,942,641	08/24/99	Tanaka et al.	560	139	

  

FOREIGN PATENT DOCUMENTS						
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
<i>[Signature]</i>	SHO 61-271323	12/01/86	Japan			X

  

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>[Signature]</i>	1999 *	<i>A Precursor Route to 2,7-Poly (9-fluorenone)</i> , Macromolecules 32, 4519-4524, Uckert et al.				
	March 1985	<i>The Electrochemical Oxidation and Polymerization of Polycyclic Hydrocarbons</i> , Electrochemical Science and Technology, 631-634, Waltman et al.				
	September 23, 1985	<i>The Polyfluorenes: A Family of Versatile Electroactive Polymers; Electropolymerization of Fluorenes</i> ; New Journal of Chemistry, Vol. 10, Rault-Berthelot et al.				
	2000 *	<i>2,7-Poly (9-fluorenone); A Trap-Free Electron-Injection Material with a High Charge Carrier Mobility for Use in Light-Emitting Diodes</i> , Advances Materials, 2000, 12, No. 12, Uckert et al.				
	May 1986	<i>Redox Polymer Films From Cathodic Coupling of 4,4'-Dibromobenzophenone and 2,7-Dibromo fluorenone</i> , J. Electroanal. Chem., 215 (1986) 377-383, Zecchin et al.				
	September 20, 1984	<i>Anodic and Cathodic Deposition of Electroactive Polyfluorene Films</i> J. Electroanal. Chem., 186 (1985) 191-199, Schiavon et al.				

\* normorth.

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EXAMINER	<i>E. Jonathan Wong</i>	DATE CONSIDERED	11/14/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.